Letter Number 41



Box 2 B
Shoshone ID 83352

Dear Sir:

We wish to comment on the Monument RMF draws.

We have so many objections to the informative of the present of the pre

The Preferred Alternative is not a multiple use-sustained yield Plan. In an area which can be described generally as an ecological desaster area, it decreases the number of mule deer an expectation of the public lands with high wildlife values; increases soil seles public lands with high wildlife values; increases soil seles public lands with high wildlife values; nothing for recreation except introduce levels; does absolutely nothing for recreation except introduced lands will decrease areas which will probably limit use; recover all dynamity of the environment that 3600 pairs of non-gase birds will be lost; and, in compensation for all those losses, to produce what this document calls "a balanced approach to multiple use", authorizes grazing levels 44% above present use; and does all these things without the benefit of even the sost cursory costbenefit analysis. Just the lack of any cost benefit analysis mandates the rewriting of this entire Draft Plan before there can be seamingful comment.

**Monthly State State

RECREATION

A3 USC 1712(c)(9) says the BLM shall: "to the extent consistent with the laws governing the administration of the public lands, coordinate the land use inventory, planning, and management activities of or for such lands with the land use planning and management programs of other Federal departments and agencies and of the States and local governments within which the lands are located, including, but not limited to, the statewide outdoor recreation plans developed under the Act of September 3, 1964 for State 897), as assended..."

Plan (SCORP)mal Idaho's State Comprehensive Outdoor Recreation lands are in this MRP: a decided this year.—must be of vital importance in this MRP: a decided this year.—must be of vital importance in this MRP: a decided and the year of the plant of the state of the second of t

be integrated with fire management's needs for better access and more firebreaks? How will these campgrounds and campsites be funded? (CIHD believes that money for fencing off camping areas can easily come from 8001 and other range improvement funds, under PRIA. For example, 43USC1901(a)(1): "west segments of the public lends are producing less than their potential for...recreation...', 43USC1901(a)(3): "unsatisfactory conditions on public rangelands...reduce the value of such lands for recreational and esthetic purposes...', 43USC1901(a)(4): "the above mentioned conditions can be addressed and corrected by an interpretation of conditions can be addressed and corrected by an another program involving a girlicant mensance, management, and improvement program involving a girlicant mensance, management and improvement funding for multiple-use values..."; and 43USC1902(f): The term "range improvement means any activity or program on or relating for multiple-use values..."; and 43USC1902(f): The term "range improvement means any activity or program on relating to rangelands which is designed to...control patterns of use...". Putting up fencing to keep cattle, sheep, and their droppings out of campsites is a completely reasonable use of range improvement funds for controlling patterns of use.) This plan should be changed to include a vigorous program of campsite creation. Semideveloped and printitive campsites should be created in the following areas; in accordance with good multiple use planning: Big Blowout Butte (Just east of Butte in good condition rangeland); Huff Lake (a small exclusion from the Raven's Eye WSA for campsite purposes); Bear Trap Cave; Split Butte; and others in similar key places. With Wilderness coming to the Great Rift and other lava areas, and with greater awarness of the hikeability of these areas, campgrounds will be necessary for people who dayhike in Lucoln, 60 miles of hiking trails in Derome, and 64 miles of hiking trails in Minidoka Gounties. BiM haa, as far as we can tell, no hiking

frequently been devastated by fire and exotic invaders.

The Committee for Idaho's High Desert is working to change all these factors. We support increases in gase and nongame wildlife, and work to protect natural values through ACECs and Milderness Areas. We support improved maintenance of critical recreation access roads. We lead outings in which hikers are acquainted with desert hiking areas and techniques. We support creation of a wide range of undeveloped, semidoveloped, and fully developed campgrounds in desert areas. And, we conduct frequent public education programs to overcome false public perceptions of low natural and recreational values in desert areas such as the Monument Resource Area exivities; of the wilderness study process, which is focuseing attention on specific areas; of the probable designation of viiderness in this Resource Area; and of the overall predicted increase in recreational use of this Resource Area—an increase that would be 10 to 100 times current use levels, even without creation of campgrounds or trails. Craters of the Moon Milderness has shown a very strong correlation of growth in Wilderness use through time. Growth in hiking can be projected to almost 1200 visitors in the year 2000. This is a 333% increase over the 1979-1983 average. This increase is only in overnight use—day use in this lava area must be much higher than overnight use—day use in this lava area must be much higher than overnight of such an increase in lava hiking, or make any plans to accommodate it.

We specifically object to the numbers obtained through your Effects" (Table 2-3). Four preferred alternative, C, increases contion, increases grazing, reduces big game numbers, trained of the possibility of such an increases in lava hiking, or make any plans to accommodate it.

We specifically object to the numbers obtained through your experience of the provide of the provide of the possibility of such an increase in lava hiking, or make any plans to accommodate in the possibility of such an increase in the t

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tion outweighing grazing impacts to make a net 5% increase. But Alternative D would doubtless result in a much greater level of recreation increases. ORVers would not really be impacted by these wilderness designations because these areas are in large part lava, and simply so far from population centers that ORV use is slight. Thus, we urge you to include a 500% increase in dispersed recreation use with Alternative D.

RANGE

The non-lava portions of the Monument Resource Area are predominantly in a state of ecological disaster-because of overgrazing and fire. As the Draft Plan states, 95% of the lands are in poor, fair, or seeded condition—only 2% are in good condition. The Preferred Alternative does nothing to change this, except seed more areas to exotic vegetation, and build stock watering pipelines to degrade at least half of the 2% good range. CIED believes that the Monument RWP range and grazing portions should first examine the land in light of the No Action situation—the 9% good AUMs of present active use. Now is the land faring right now under this level of grazing? Is this disastrous condition improving? The answer is ng—trend in the RMF area is generally static. How are erceion Tevels under current grazing (97000 AUMs)? They are very high—4.8 tons per acre.

RRF area is generally static. How are erosion levels under current grazing (97000 AUWe)? They are very high--4.8 tons per acre.

The critical issues of condition, trend, and erosion (not to mention wildlife) make reductions under current active grazing levels absolutely necessary. We protest your judgement that "Foor condition areas with few native perennials (highly disturbed) may show upward trend with decreases in grazing and low incidence of wildfire, but would not change condition class." (page D-11). With scattered seedings of native grasses, as we propose, seed sources for regeneration of native porennials would be able to make even poor condition range eventually become good condition range-with decreases in grazing and proper grazing management. Re alternative you have generated includes the idea of the condition range-with decreases in grazing and proper grazing management. Re alternative you have generated includes the idea of the condition range active grasses to improve cological condition in level of the condition of the condition of the condition of the condition in the condition of the condition of the condition in the condition of the condition of the condition in the condition of the condition

41-15 5) and estimates of soil creation (as mentioned on page 4-

163) And escharces of soil creation (as mentioned on page 4Inclusion of such a table night alter decision making. This
must happen, in light of 4,305017712(c)(1) and (4); and of
430501702(c), which define the substitute was at the "harmonious and
coordinated management of the productivity of the securous without permanent
impairment of the productivity of the land..." The preferred
Alternative does the following three things in direct contradiction to those items:

1) average erosion rates are increased to over 5 tons/acr/year;
2) number of acres with reduced soil productivity are
increased by over 10000;
3) number of acres with severe erosion are increased by
3000.

3) number of acres with severe erosion are increased by 3000.

These figures are amazing. The BLM simply must adopt an alternative that does not include any increases in erosion in any category. The rewritten Draft and the Final RMF must include more information on just how BLM arrived at its figures for acceptable erosion rates. It is our impression that erosion T-levels may fall within 2 to 5 tons per acre, depending on soil type. Yet your soils analysis, mailed to us and included in this comment letter for the record, calls wind erosion rates of 5 to 50 tons/acre/year slight! In justification, a 1961 report is cited, with no page reference. The same analysis calls 5 to 15 tons/acre/year from water erosion, noderate! No published source is given—and apparently, in doing your soils inventory, T-levels were not established. The new Draft and the Final must include detailed references by book and page to justify these extraordinarily high erosion rates.

These high soil erosion rates are another reason why mointering trigger points for utilization should be lowered. At 59% utilization of forage, there is insufficient cover to prevent wind and water erosion.

WILDLIFE AND FISH

WILDLIFE AND FISH

This plan reduces the numbers of promptorn and mule deer, in direct conflict with Plans approved by the Idaho State Department of Fish and Game. It also fails to recognize Fish and Game plans for increases in Sage Grouse numbers. This Draft Plan is even at codds with itself on wildlife issues. On page 3-4 it engages in a lengthy spology for why wildlife habitat quality is declining, blaning wildfires and loss of historical winter range for wildlife problems. It then goes on to say, "forage availability to big game and sage grouse is not limited by grazing levels or season of use by livestock.. Change in grazing management is not an important management consideration at this time." Since this is a 20 year plan, "at this time "mat mean, "at this time to any time in the future." NEVERTHELESS, reduced grazing levels under alternative D permit large increases in deer, antelope, and sage grouse. AND, page 4-16 states that the preferred alternative's land sales would include critical antelope winter range and would adversely impact the population!

CHD does agree that seedings can improve wildlife habitat;

may dictate. The seedings should be in 5 to 10 acre tracts, well fenced, with no grazing for the first three years, and with only 25% utilization grazing in successive years to promote utnost plant vigor for seed production. The tracts should be locationed in the product of the seed of the see

MINERALS

Our only comment on minerals concerns closures around ACECs and AGIs. The proposed 250 foot closure around AGIs (page 2-73) is inadequate to protect the natural character of these areas. We recommend a one mile radius closed to all mineral entry and leasing around both AGIs and AGECs. This applies to National Natural Landmarks. Include this proposal in an alternative and adopt it.

Natural Landmarks. Include unis proposal in an attaining adopt it.

Mineral material use should be prohibited within the proposed Dry Cataracts National Natural Landmark. Your economianalysis must include an estimate of the value of such mineral materials; a judgement on whether alternate sources for these materials exists; and a report on what the impact of mineral material removal would be on the Natural Landmark.

WATERSHED/SOILS

This document is sorely lacking in soils data. Perhaps this lack of data is the reason why it treats the vital soils resource so poorly. The rewritten Draft and the Final RMP must include a table of soil erosion rates by allotment that includes:

1) estimates of cumulative erosion since grazing began;
2) estimates of future erosion rates;
3) estimates of future erosion rates;
4) T-levels for each allotment (erosion tolerance levels);

the section on Plowing, Disking, and Secting on page D-7 does a good job of urging irregular patterns in seeded areas (we recommend 20 acre maximum seeded areas), and seeding of grass, forb, and shrubs should be included in the pattern of the page of the seeds—except forbs and shrubs should be included in the pattern of the page of the page

3) and maintain population and increase recreation in Unit 68.

The 81-85 Plan says, "long range impacts of agricultural levelopment in this Area could be substantial" on mule deer. The rewritten Draft and Final Plans should detail just how ElM has coordinated with IDFC on detormining which Deerst Lend Entry and Carey Act applications are granted. This Plan also says, for Units 45 and 52, that Management Direction is to urge "ELM to allocate forage for more deer." (page 71). ELM must respond to this identified need for more forage for deer by allocating more forage to deer!

The IDFC GOPP calls for increases in sage grouse numbers and hunter success. It says: "If adequate consideration is given by federal and state land management agencies to preserving and

enhancing existing sage grouse habitat and more refined management implemented, rebuilding of sage grouse populations can be accelerated." This draft plan increases sage grouse populations by one percent-one percent! Increased hunter success, as called for by the IDFG plan, cannot be achieved under the proposed alternative.

The IDFG 1981-1985 Upland Game bird Management Plan identifies the Monument Resource Area as having high density sage grouse populations focals for sage grouse populations are: increase populations, increase harvest, provide more recreational opportunity (page 22). Under Frograms, pages 24-25, it says:

The Department villequest (1) that land sanager:

The Department villequest (2) that land sanager;

The bepartment villequest (3) that fire or other alternatives to harbicides be used when brush control is necessary; and (4) that land managers attempt to maintain conditions favorable to sage grouse. Also: "encourage land managers to (1) develop watering facilities for small animals; (2) fence spring and seep areas to exclude livestock; (3) manage existing water facilities to provide water throughout summer and autumn..." Also: protect traditional sage grouse breading grounds through special consideration for them and inventorying. Alternative D makes it clear that with reduced grazing, there could be a 10% increase much better job of creating favorable habitat conditions than the preferred alternative, which only increases numbers by 1%. With all these considerations in mind, we are appalled when we look at the 50% of brush removals and seedings planned for Leidaw Park, which would increase manipulated range percentages to mear 60%. While some manipulation of vegetation can help sage grouse in that critical wintering and neating about a help sage grouse in that critical wintering and neating habitat, we believe the total as of the same strain of the same strenge improvements in this vital sage grouse habitat, at the same time as it refuses to discuss the insurence and contrary to the entire

inventory problems in the past and will have them in the future, due to funding problems. If their plans say increase game numbers and hunter success, then BLM should work to do this--and not decrease forage for wildlife because IDFG numbers are low.

NATURAL SCENIC, SCIENTIFIC, AND HISTORICAL VALUES

not decrease forage for wiidlife because IDFG numbers are low.

NATURAL SCENIC, SCIENTIFIC, AND HISTORICAL VALUES

This Plan does a fair job of identifying potential Areas of Critical Environmental Concern, in line with JUSC(712(c)(3). We support your decision to create ACECs in Substation Tract, Vineyard Creek, and Box Canyon/Blueheart Springs. However, the following areas were overlooked:

Sand Butte. Sand Butte has scenic, wildlife, and natural system values of substantial state and national significance. The Butte itself has very fragile sandy soils; fragile and rare vegetation, including a wide variety of grasses and forbs; the entire area's only ferruginous hawk nest; and a unique geologic nature which has not yet been studied. The potential for ORV damage is enormous. Certainly, even the very faint way into the Butte's floor is distracting. The rewritten Draft and the Final Plans should nominate and declare the Butte area to be an ACEC, to protect these resources. We do not feel that your proposed ORV closure (which we support) or recomended wilderness designation (with Congressional action a possible 10 years away) will go far enough to protect this special area until it can be accientifically studied.

Last Chance Kipuka. Last Chance Kipuka is in the northwest portion of Laidlaw Park (SWA Soc 21). A faint way now leads to it is The area exprised to the protect of his protect his special area until it can be accientification of the protect of the protect of his protect of the protect of his protect of the protect of his protect of the protect his special area until it can be accientification of Laidlaw Park (SWA Soc 21). A faint way now leads to it is The area exprised to the protect his special area until it can be accientification of the protect of th

41-26 to Class III inventories as specified in BLM Manual Section Cont. | Study.

ECONOMICS

The greatest single flaw in this plan is its utter failure to carry out 430FR1610.4-61 "The District Manager shall estimate and display the. economic..effects of implementing each alternative considered in detail." This detail is entirely lacking in this RMP. The only economic .effects of implementing each alternative considered in detail." This detail is entirely lacking in this RMP. The only economic analysis in the docuent consists of a summary of ranch budgets (including by reference information in the AMS); a review of farming costs which shows almost zero benefits from converting range land to agricultural land; page 2-77:s "Economic Conditions" section; and one page (j.-5) in the Appendix. The terms "costs", "benefits", and "economics" do not even appear in the index.

We question many of the assumptions in that Table J-3. You assume an average wage of 18500 for range improvement-related jobs (900,000 income divided by 42 jobs). Also, 19200 for one maintenance job. These figures appear to be extremely high. What is the source for these figures? (I may be in the AMS but we can't get a copy of it.) Are these jobs for one can also any reprinciple of the complex of the

years, based on the last 5) in your rewritten Draft and the Final RMP.

You state (page 3-37) that the Taylor Grazing Act explicitly states that grazing rights have no capital value. You then attach a capital value to those rights. While we agree that the high level of government subsidy does have some possible capital value, we feel those values do not belong on a table like J-3. Remove them from the Draft and Final RMP.

Your Alternatives A, B, and C state that no ranches would be "threatened". This statement is contradicted by a high fore-closure rate on livestock operations in the multicounty area, and (obviously) by the fact that the entire livestock industry is unhealthy—as evidenced by the continually decreasing grazing fee 41-30 rate, and the correspondingly increasing level of federal subsidy needed to keep the industry afloat. We cannot accept your "no ranches threatened under current conditions" conclusion without an analysis of livestock operation sales, foreclosures and bankruptcies in the multi-county area over the past 5 years. How many have been sufficiently threatened to go out of business? If

the answer is none, then we can accept your theory. Otherwise, of we believe at least twenty percent of livestock operations are currently threatened. This information must be included in the rewritten Draft and Final RMFs. It may be in the AMS, but we can't get a copy of the AMS, so put it in print for us. Of course, once you get your recreation use figures corrected, the recreation section will change drastically. We cannot understand, however, why you only figure \$800 dollars per year wages in the recreation industry (2,000,000 divided by 202 ljobs equals \$800 dollars per year). What is the basis for these figures? Is it the same document as you consulted for a result the following the per year wages? Again, are these job-year, or are they persenent, full-time jobs? And are they family/operator jobs, or wage-paying position: benefits from sales of potential farm four and from allowing Desert Land Act and Carey Act entriese is flawed. You are taking one farm at a time, when you should be locking at the big picture of agriculture in the multi-county analysis area. CHIB is concerned about cumulative effects of dusping super-cheap, almost-free federal land on the agricultural land market to compete with family farmers who are having serious trouble making payments on much more expensive private land. How many farms have been foreclosed on in the sulti-county area in the last five years? These figures belong in the rewritten Draft and Final RMFs. A simple insertion of higher land costs into your list of assumptions (page J-1) and your Table J-1 makes it clear that existing farms in the area are losing money. How will this dumping of free farmland (at \$702.86 per year for 210 acres) inpact other operations? Also, what is the present average level of direct and indirect federal flam to create through sales and grant? These the metic on what is the present average level of direct and indirect federal flam to create through sales and grant? The set of the Alterrough and present and fire a submidied with the first pre

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get a copy of the AMS despite telephone and written requests.

The rewritten Draft and the Final RMF must include these and other costs. One page is not enough to present a detailed 41-35 picture of economic impacts as required by 43 CFR 610.4-66. The new summary of costs and benefits neut clearly differentiate between grazing-associated and other costs.

WILDERNESS

This plan addresses the fate of six roadless areas. The Conmittee for Idaho's High Desert supports wilderness designation for three of the six areas. Sand Butte has exceptional natural values, which we have a support of the six areas. Sand Butte has exceptional natural values, which deserges of biological diversity. It has a substantial mule deer population. It has high despread interest, which go and "Qbd" type lavas and associated soil. It contains "Qb2" and "Qbd" type lavas and associated soil profiles. It is manageable as wilderness and should be so preserved.

Raven's Eye is one of Idaho's premiere desert roadless areas. It contains "Qbi", "Qb2", and "Qb3" lavas and associated soils. Together with the contiguous Sand Butte area, it provides a continuum of lava desert processes from fresh lava to deer fout till recognisable) lava, along with a wide range of associated soil and vegetation development levels. It also contains Broken Top, a very special goologic feature that dominates an area of grasslands which do have potential to return to good or excellent condition class. The Broken Top portion of Raven's Eye is a logical and goological extension of Sand Butte and Sand Butte area of the Raven's Eye WSA near Huff Lake should be excluded from the wilderness recommendation for campground development about exclusions along its south side, we want all act concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along its south side, we want all the concerned about exclusions along the support habitat proved the section 16 in T2S R23E should be included in the WSA boundaries.

CONCLUSION

CONCLUSION

This Draft Plan must be rewritten and reissued to comply with FLPMA's multiple use mandate. At present, it does not even address the issues of economics; recreation; soils; or natural and scientific values. It does not contain any alternative which adopts creative range management techniques to reverse the problems which plague this area.

An alternative must be developed which:

1) seeds mative grasses in scattered plots which are maintained at high vigor, to restore native seed sources to depleted areas, so that those areas can advance from poor condition to good and excellent condition.

2) increases multe deer, antelope, and sage grouse numbers to conform with Fish and Game plans. This alternative should spend range improvement funds to create water sources for game, so that they can better utilize available forage, and must also use those funds to plant bitterbrush and other needed shrubs and forbs.

3) nexts identified demands for comprises and frails

H) has realistic, datailed economic analyses.

4) has realistic, detailed economic analyses. Busborrand

- Alternative C recognizes key areas for nature study including Box Canyon/Blueheart Springs, Vineyard Creek, Substation Tract, Raven's Eye WSA, and Sand Butte WSA. These key areas would receive increased nature study use because of enhancement of their naturalness and/or increased public awareness of the areas because of their special designations. In Alternative D, inclusion of other areas, which may have somewhat lower values for nature study, would not increase nature study opportunities dramatically.
- Recreation use depends on adequate opportunities for a particular activity. Providing additional opportunities for dispersed recreation without a corresponding demand may enhance the experience, but may not substantially increase use. We do not expect demand for dispersed recreation use to increase anywhere near 500 percent.
- The rate of successional change in less than 12-inch precipitation zones dominated by cheatgrass is very slow. The assumptions on page D-11 of the draft reflect the expected plant community compositions after 20 years, and little change is expected in such a short time. The discussion about vegetation has been expanded on pages 3-12 and 3-13 of the final EIS to clarify the competitive nature of cheatgrass and the difficulty of overcoming cheatgrass competition. The results documented on page 3-12, along with observations within the Shocknen District, have discouraged the practice of seeding to improve ecological condition. Given the high cost of seeding small areas, the low probability of seeding establishment, and the even lower probability of significant improvement in ecological condition, we are unwilling to invest public funds on seedings of this type. If the EIM performed seedings as described in this letter using the few species capable of competing with cheatgrass and protected them to "promote utmost plant vigor for seed production," other forces would likely prevent significant ecological improvement. Relatively slow improvement would likely halted by wildfires that, due to the flammability and widespread presence of cheatgrass, are beyond our ability to completely control. We simply cannot prevent the loss of these types of new seedings until some method of reducing the fire frequencies of this area is found.
- Cheatgrass is the real ecological villain in this case. This alien species evolved under centuries of intensive grazing by large herbivores, and has developed competitive characteristics lacking in our native species. Now that cheatgrass has developed a stranglehold on vast areas of rangelands, a logical approach is to seek species that possess the characteristics necessary to compete with cheatgrass. Not native species have been unsuccessful in competition with cheatgrass, whereas ecotics like the created wheatgrasses have shown more success. The created wheatgrasses have evolved under environments similar to those that spamed cheatgrass, set they have similar growth forms and phenology to our native bunchgrasses as well as occupying similar habitats. Created wheatgrasses also possess a tolerance of fire not shared by most native bunchgrasses.

Response to Letter Number 41

- 41-1 The range management program is the only area where reasonable estimates of costs and benefits can be made. A cost-benefit analysis for range improveant proposals will be made prior to issuance of the approved Monument RMP.
- The 1983 SCORP was not released until after the draft Monument RMP/EIS was ready for print (March 1984). Idaho Outdoor Recreation Profiles and correspondence with John Barnes, the Idaho Parks and Recreation SCORP Coordinator, were considered in preparing the recreation section.

The recreation profiles presented current and projected visitor use days for various recreation activities but did not specifically address additional numbers of facilities required. Camping activity in Minidak and Lincoln counties is expected to increase 55 percent and 57 percent, respectively, over the next 20 years. Most camping use within the counties is presently dispersed and is not dependent on facilities. It is felt that these projected camping needs can be accommodated with the RMF management guidance.

The Idaho SCORP recommends the number of campsites in Lincoln and Blaine counties increase by about 4,000 percent by the year 2000. This is unrealistic. These figures are based on campsites per projected population and do not recognize other factors such as a lack of resources to attract campers. Most campers in Lincoln and Minidoka utilize campsites in adjacent counties near water bodies or in the mountains. Within the Monument Planning Area, Lincoln and Minidoka counties simply do not contain the resources to attract this amount of camping use.

- The areas mentioned, with the exception of the Little Wood River/ Preacher Bridge area, are extensive recreation use areas (dispersed) rather than intensive. Campground development will be considered in the development of Recreation Area Management Plans or Wilderness Management Plans if justified by a need for resource protection or by demand for such facilities.
- A Resource Management Plan (RMP) establishes land use allocations, multiple use guidelines, and management objectives for a given planning area. "...It is not a final implementation decision on actions which require further specific plans, process steps, or decisions..." (43 CFR 1601.0-5(kl)). These kinds of specific development plans clearly fall into the category of activity plans as discussed on page 2-13 of the draft.

Given the failure of native species to make substantial gains against cheatgrass, the success of the exotic wheatgrasses is welcomed. A sagebrush/created wheatgrass vegetation type is ecologically preferable to sagebrush/cheatgrass or cheatgrass-annual weed types.

Some crested wheatgrass seedings have persisted in excess of 20 years in this area. Reproduction of crested wheatgrass is evident within some seedings here, and occasionally some expansion into adjacent cheatgrass can be seen.

The project life span for a successful seeding is considered to be 20 years. Usually by this time, sufficient amounts of sagebrush and forbs have become established to decrease the production of seeded species by 50 to 75 percent.

- The expanded discussion under "Alternatives Eliminated From Consideration" beginning on page 2-11 of the final addresses this comment.
- 41-10 Sixty percent utilization of key forage species should leave adequate watershed cover when one considers that 98 percent of the planning area also has cheatgrass, shrubs, and other leaser-grazed vegetation in addition to the target species. At 60 percent utilization of key species, 30 percent (or less) utilization of other species is common in this area.

The 60 percent figure is based upon this more than purely upon plant physiological requirements since these are also strongly influenced by grazing systems. For example, if perennial grasses are grazed the same season each year, no more than 60 percent should be used as a rule, but greater utilization can be made under rotation grazing systems without harming the plants. Upon annual ranges, 60 percent use is adequate to maintain seed production, and honce, stands of annuals, on a sustained basis.

- 41-11 Three years is insufficient time for detectable condition changes to occur in an 8- to 12-inch precipitation zone. Some changes that could be detected would be establishment of a new seeding, or loss of a seeding, or sharp downward change in condition under extreme, abusive grazing. Downward trend is a "trigger" for management concern (see page A-3 of the draft RMP/RIS) and areas displaying downward trend will be monitored more frequently than every ten years. Newever, budget constraints and the low probability of detectable change make a general evaluation of the entire planning area every three years impractical and unnecessary.
- 41-12 A well and 15 miles of pipeline are proposed for the Laidlew Park Allotment in Alternatives C and D. A well and 28 miles of pipeline are proposed for Alternative B. No well or pipeline construction is proposed under Alternative A or Sub-Alternative D.